

### **Abstract**

The present invention is directed to methods and apparatus that partially encrypt an information data file. An exemplary method includes dividing the information file into a first file and a second file, wherein the second file includes content from the information file to preclude reconstruction of the information file using only the first file, and encrypting the second file. Additionally, the method provides for transmitting the first file and the encrypted second file from a first device to a second device.

5

00000000-0000-0000-0000-000000000000